



Safety Data Sheet

#1 Network 142-F:

Water Miscible Blanket & Roller Wash

SDS Revision Date: 11/23/2015

1. Identification Of The Substance / Mixture And Of The Company / Undertaking

1.1. Product Identifier

Product Identity NETWORK 142-F
Water Miscible Blanket & Roller Wash For Use In Filtration Recovery Units
Alternate Names Product Number: 805860, 804026, 804027, 804028, 804029, 23150

1.2. Relevant Identified Uses Of The Substance Or Mixture And Uses Advised Against

Intended Use See Technical Data Sheet
Application Method See Technical Data Sheet

1.3. Details Of The Supplier Of The Safety Data Sheet

Distributor #1 NETWORK, INC. 307 Professional Park Ave. Effingham, IL 62401
CHEMTREC (USA) 800-424-9300
Customer Service 217-536-5737

2. Hazard Identification Of The Product

2.1. Classification Of The Substance Or Mixture

Combustible Liquid; H227 Combustible Liquid
Acute Tox. 4; H312 Harmful in contact with skin
Asp. Tox. 1; H304 May be fatal if swallowed and enters airways

2.2. Label Elements

Using the Toxicity Data listed in Sections 11 and 12, the product is listed as follows:

Signal Word: DANGER!



H227 Combustible liquid
H304 May be fatal if swallowed and enters airways
H312 Harmful in contact with skin

[ Prevention ]

P210 Keep away from heat, sparks, open flames, and hot surfaces - No smoking
P280 Wear protective gloves, eye protection, and face protection

[ Response ]

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor / physician
P302 + P352 IF ON SKIN: Wash with plenty of soap and water
P312 Call a POISON CENTER or doctor / physician if you feel unwell
P322 Specific measures (see information on this label)
P331 DO NOT INDUCE VOMITING
P363 Wash contaminated clothing before reuse

[ Storage ]

P403 + P235 Store in a well ventilated place. Keep cool.
P405 Store locked up

[ Disposal ]

P501 Dispose of contents and container in accordance with local and national regulations

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### 3. Composition / Information On Ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient / Chemical Designations	Weight%	GHS Classification	Notes
Distillates (Petroleum), Hydrotreated Light (CAS No: 64742-47-8)	90 - 100	Asp. Tox. 1: H304	[ 1 ]

[ 1 ] Substance classified with a health or environmental hazard

[ 2 ] Substance with a workplace exposure limit

[ 3 ] PBT-Substance or vPvB-Substance

\* The full texts of the phrases are shown in Section 16

### 4. First Aid Measures

#### 4.1. Description Of First Aid Measures

**General:** Move victim to fresh air. Call 911 or emergency medical service if deemed necessary. Give artificial respiration if victim is not breathing. Administer oxygen if breathing is difficult. Remove and isolate contaminated clothing and shoes. In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes. Wash skin with soap and water. In case of burns, immediately cool affected skin for as long as possible with cold water. Do not remove clothing if adhering to skin. Keep victim warm and quiet. Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

**Inhalation:** Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

**Eyes:** Immediately flush the eyes with large amounts of water for at least 15 minutes, alternately lifting the upper and lower eyelids. After 5 minutes, if appropriate, remove contact lenses and continue flushing the eyes for an additional 15 minutes. Call a physician at once.

**Skin:** Remove and isolate contaminated clothing and shoes. In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes. Shower and wash with soap and water. Keep victim warm and quiet.

**Ingestion:** If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

#### 4.2. Most Important Symptoms And Effects, Both Acute And Delayed (Overview)

Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage. See Section 2 for further details.

**Inhalation:** May be fatal if swallowed and enters airways.

**Skin Contact:** May be harmful in contact with skin.

### 5. Fire-Fighting Measures

#### 5.1. Extinguishing Media

Recommended extinguishing media; alcohol resistant foam, CO<sub>2</sub>, powder, water spray. Do not use; water jet.

#### 5.2. Special Hazards Arising From The Substance Or Mixture

Hazardous decomposition: High temperatures and fires may produce such toxic substances as carbon monoxide and carbon dioxide. Keep away from heat, sparks, open flames, hot surfaces. No smoking.

#### 5.3. Advice For Firefighters

Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters' protective clothing will only provide limited protection. **HIGHLY FLAMMABLE:** Will be easily ignited by heat, sparks or flames. Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks). Vapor explosion hazard indoors, outdoors or in sewers. Runoff to sewer may create fire or explosion hazard. Containers may explode when heated. Many liquids are lighter than water. Substance may be transported hot. Inhalation or contact with material may irritate or burn skin and eyes. Fire may produce irritating, corrosive and/or toxic gases. Vapors may cause dizziness or suffocation. Runoff from fire control or dilution water may cause pollution.

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## 6. Accidental Release Measures

### 6.1. Personal Precautions, Protective Equipment, And Emergency Procedures

Water spray may reduce vapor; but may not prevent ignition in closed spaces.

### 6.2. Environmental Precautions

Do not allow spills to enter drains or watercourses. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

### 6.3. Methods And Material For Containment And Cleaning Up

Large Spill: As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions. Keep unauthorized personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering.

## 7. Handling And Storage

### 7.1. Precautions For Safe Handling

Store in accordance with the National Fire Protection Association's publication NFPA 30, Flammable and Combustible Liquids Code. 29 CFR 1910.106 applies to the handling, storage, and use of flammable and combustible liquids. See Section 2 for further details. - [Prevention].

### 7.2. Conditions For Safe Storage, Including Any Incompatibilities

Handle containers carefully to prevent damage and spillage. Store in a cool dry area, away from heat, sparks and open flame. Keep containers sealed when not in use. Store out of direct sunlight. Incompatible materials: Strong oxidizing agents and acids. See Section 2 for further details. - [Storage].

### 7.3. Specific End Use(s)

No data available.

## 8. Exposure Controls And Personal Protection

### 8.1. Control Parameters

CAS No.	Ingredient	EXPOSURE	
		Source	Value
64742-47-8	Distillates (Petroleum), Hydrotreated Light	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	Recommended 300 ppm PEL

CAS No.	Ingredient	CARCINOGEN DATA	
		Source	Value
64742-47-8	Distillates (Petroleum), Hydrotreated Light	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

### 8.2. Description Of First Aid Measures

<b>Respiratory</b>	If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.
<b>Eyes</b>	Wear safety eyewear, e.g. safety spectacles, goggles or visors to protect against the splash of liquids.
<b>Skin</b>	Overalls which cover the body, arms and legs should be worn. Skin should not be exposed. All parts of the body should be washed after contact.
<b>Engineering Controls</b>	Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.
<b>Other Work Practices</b>	Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse. See Section 2 for further details [Prevention]

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**9. Physical And Chemical Properties**

<b>9.1.</b>			
<b>Appearance</b>	Clear, colorless liquid	<b>Melting Point / Freezing Point</b>	Not Defined / -50°F to -25°F
<b>Odor</b>	Hydrocarbon	<b>Initial Boiling Point / Boiling Range</b>	369°F to 406°F
<b>Odor Threshold</b>	Not Defined	<b>Evaporation Rate (n-Butyl Acetate = 1)</b>	0.08
<b>Flashpoint</b>	151°F	<b>Upper / Lower Flammability or</b>	Lower: 0.8%
<b>pH</b>	Not Defined	<b>Explosive Limits</b>	Upper: 6.0%
<b>Flammability (Solid, Gas)</b>	Not Defined	<b>Partition Coefficient n-octanol/water (Log Kow)</b>	Not Defined
<b>Vapor Pressure (PA)</b>	0.50 mm Hg @ 20°C	<b>Solubility In Water</b>	Soluble in organic solvents
<b>Vapor Density</b>	5.1 (Air = 1)	<b>Auto-Ignition Temperature</b>	487°F
<b>Specific Gravity</b>	0.81	<b>Decomposition Temperature</b>	Not Defined
<b>Density</b>	6.75 lbs per gallon	<b>Viscosity (cSt)</b>	Not Defined
<b>% Volatile</b>	99.8	<b>Photochemically Reactive</b>	No
<b>V.O.C.</b>	808.4 gm/L, 99.8%, 6.74 lb/gal	<b>Maximum Grams of V.O.C. per Liter</b>	808.4

**9.2. Other Information**

No other relevant information.

**10. Stability And Reactivity**

- 10.1. Reactivity:** Hazardous Polymerization will not occur.
- 10.2. Chemical Stability:** Stable under normal circumstances.
- 10.3. Possibility Of Hazardous Reactions:** No data available.
- 10.4. Conditions To Avoid:** Excessive heat and open flame.
- 10.5. Incompatible Materials:** Strong oxidizing agents and acids.
- 10.6. Hazardous Decomposition Products:** High temperatures and fires may produce such toxic substances as carbon monoxide and carbon dioxide.

**11. Toxicological Information**

**Acute Toxicity**

Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.

<b>Ingredient</b>	<b>Oral LD50 (mg/kg)</b>	<b>Skin LD50 (mg/kg)</b>	<b>Inhalation Vapor LD50 (mg/L/4hr)</b>	<b>Inhalation Dust/Mist LD50 (mg/L/4hr)</b>	<b>Inhalation Gas LD50 (ppm)</b>
Distillates (Petroleum), Hydrotreated Light 64742-47-8	5,000.00 Rat Category: 5	2,000.00 Rabbit Category: 4	No Data Available	No Data Available	No Data Available

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

<b>Classification</b>	<b>Category</b>	<b>Hazard Description</b>
Acute Toxicity (oral)	---	Not Applicable
Acute Toxicity (dermal)	4	Harmful in contact with skin
Acute Toxicity (inhalation)	---	Not Applicable
Skin Corrosion / Irritation	---	Not Applicable
Serious Eye Damage / Irritation	---	Not Applicable
Respiratory Sensitization	---	Not Applicable
Skin Sensitization	---	Not Applicable
Germ Cell Mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive Toxicity	---	Not Applicable
STOT - Single Exposure	---	Not Applicable
STOT - Repeated Exposure	---	Not Applicable
Aspiration Hazard	1	May be fatal if swallowed and enters airways

## 12. Ecological Information

### 12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

#### AQUATIC ECOTOXICITY

Ingredient	96 Hr LC50 Fish (mg/L)	48 Hr EC50 Crustacea (mg/L)	ERC50 Algae (mg/L)
Distillates (Petroleum), Hydrotreated Light 64742-47-8	Not Available	Not Available	Not Available

**12.2. Persistence And Degradability:** There is no data available on the preparation itself.

**12.3. Bioaccumulative Potential:** Not Measured

**12.4. Mobility In Soil:** No data available.

**12.5. Results Of PBT And vPvB Assessment:** This product contains no PBT/vPvB chemicals.

**12.6. Other Adverse Effects:** No data available.

## 13. Disposal Considerations

### 13.1 Waste Treatment Methods

Do not allow into drains or water courses. Wastes and emptied containers should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act. Using information provided in this data sheet advice should be obtained from the Waste Regulation Authority, whether the special waste regulations apply.

## 14. Transport Information

### NON-BULK DOMESTIC GROUND

This material is not regulated for domestic ground shipments by the U.S. Department of Transportation (DOT) when transported in non-bulk (a packaging which has a maximum capacity of 119 gallons or less as a receptacle for a liquid). Reference 49 CFR 173.120 (b) (2) and 173.150 (f) (1).

In summary, for **non-bulk domestic ground shipments:**

**DOT Class:** Not Regulated

**Hazard Class:** Not Applicable

**UN No.:** Not Applicable

### BULK DOMESTIC GROUND

If this material is offered for domestic ground shipment in bulk (a packaging which has a maximum capacity greater than 119 gallons as a receptacle for a liquid), then the material is regulated. Reference 49 CFR 173.120 (b) (2) and 173.150 (f) (2).

In summary, for **bulk domestic ground shipments:**

**DOT Shipping Name:** NA 1993, Combustible Liquid, N.O.S. (Contains Petroleum Distillates)

**Hazard Class:** Combustible

**UN No.:** NA 1993

**Packing Group:** III

**Guide No.:** 128

The domestic provisions provided for in non-bulk and bulk ground shipments are not valid for transportation by aircraft or vessel and they are not valid for international shipments. Please follow the appropriate DOT regulations in 49 CFR and the information referenced where appropriate in the IATA Dangerous Goods Transportation Regulation, the International Maritime Organization (IMO), the International Civil Aviation Organization (ICAO) and our NFTA partner hazardous material regulation requirements).

### OCEAN TRANSPORTATION

In summary, for **ocean shipments:**

**Proper Shipping Name:** Not Regulated

**UN No.:** Not Regulated

**Packing Group:** Not Regulated

**IMDG:** Not Applicable

**Environmental Hazards:** IMDG: Marine Pollutant:

**14.6. Special Precautions For User:** No further information

**14.7. Transport In Bulk According To Annex II Of MARPOL73/78 And The IBC Code:** Not applicable

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### 15. Regulatory Information

**REGULATORY OVERVIEW:** The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

**TSCA:** All listed components either appear or are exempt from the Toxic Substances Control Act (TSCA) Inventory.

**CERCLA:** Reportable Quantity (RQ) (40 CFR 117.302): None.

**CARCINOGENICITY:** None of the components in this chemical are present above minimum amounts listed by IARC, NTP, or OSHA as a carcinogen.

**WHMIS CLASSIFICATION:** B3

**US EPA TIER II HAZARDS:** Fire: Yes Sudden Release of Pressure: No Reactive: No Immediate (Acute): Yes Delayed (Chronic): No

**EPCRA SECTION 302 - EXTREMELY HAZARDOUS SUBSTANCE REPORTING:** None listed.

**EPCRA SECTION 311/312 - HAZARDOUS CHEMICAL REPORTING & RQ'S:** None listed.

**EPCRA SECTION 313 - TOXIC CHEMICAL REPORTING:** None listed.

**CALIFORNIA PROP 65:** This product contains a mixture which includes trace amounts of Ethylbenzene, Benzene, and Toluene. The following information is required by the State of California's Safe Drinking Water and Toxic Enforcement Act of 1986, or Proposition 65. This regulation does not address de minimus levels; therefore, even trace amounts of the chemicals included on Proposition 65's list of chemicals known to the State of California to cause cancer or reproductive toxicity must be noted with the "Safe Harbor" wording. **WARNING:** This product contains Ethylbenzene, Benzene, and Toluene known to cause cancer, birth defects, or other reproductive harm.

#### U.S. STATE RIGHT TO KNOW LISTS

None listed.

### 16. Other Information

<b>HMIS</b>		<b>SCAQMD Rule 443.1</b>	
Health:	1	Photochemically Reactive:	No
Flammability:	2	Maximum Grams of VOC per Liter:	808.4 gm/L
Reactivity:	0	Vapor Pressure:	0.50 mm Hg @ 20°C
Personal:	H		

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#### The full text of the phrases appearing in section 3 is:

**H304** May be fatal if swallowed and enters airways

This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.

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